

## CLAIMS

- 5 <sup>Sub A3</sup> 1. A method for displaying, at a client, transient messages received over a network, the method comprising:
- capturing, independently of a user action, at different times, at least two screen images having at least one multimedia object containing at least one transient message
- 10 rendered on a display at the client;
- storing each captured screen image; and
- enabling a subsequent rendering of at least one of the stored screen captured images in response to a user selection.
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2. The method of claim 1 wherein the user selection is a selection of an identification of a stored captured screen image from a displayed list of identifications of stored captured screen images.
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3. The method of claim 1 wherein the step of enabling a subsequent rendering further comprises displaying a plurality of the captured screen images in succession in response to a user selection of a control button.
- 25 <sup>Sub A3</sup> 4. The method of claim 3 wherein a rate in which the succession of captured screen images are displayed is a user configurable rate.

5. The method of claim 1 wherein the different times are determined by a configurable periodic interval.

6. The method of claim 5 wherein the configurable periodic interval occurs for a configurable duration of time.

7. The method of claim 1 wherein the different times are determined by a change in content.

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8. The method of claim 7 wherein the change in content is determined by utilizing a DOM model of the displayed page to determine the change of content as a triggering event to capture the screen image.

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9. A method for displaying, at a client, at least one transient message received over a network, the method comprising:

determining a change in content of at least one displayed page received over a network wherein at least one of the at least one displayed pages contains at least one transient message;

capturing, independently of a user action, a screen image of each displayed page when it is determined that there is a change in content;

storing each captured screen image; and

enabling a subsequent rendering of at least one of the stored screen capture images in response to a user selection.

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10. The method of claim 9 wherein the determining step further comprises utilizing a document object model of the displayed page to determine the change of content as a triggering event to capture the screen image.

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11. A method for displaying, at a client, transient messages received over a network, the method comprising:  
 saving data, independently of a user action, associated with a screen image of each dynamically displayed transitory message;

redisplaying the screen image of at least one previously displayed transitory message upon request by a user.

15        12. The method of claim 11 wherein saving data further  
comprises saving a screen image of each message and at least  
one hyperlink associated with the message.

13. The method of claim 12 wherein saving data further  
20 comprises saving a screen image of each message and at least  
one hyperlink in accordance with a time value representative  
of a time in which a given message was originally displayed.

14. The method of claim 11 wherein redisplaying  
25 further comprises redisplaying a sequence of each saved  
image at a rate predetermined by the user.

15. The method of claim 11 wherein redisplaying  
further comprises redisplaying a scrollable page having a  
30 plurality of the saved images.

16. The method of claim 11 wherein redisplaying further comprises redisplaying the at least one previously displayed transitory message in at least one of image format  
5 and heading format.

17. The method of claim 16 further comprising retrieving content associated with a link associated with a redisplayed message resulting from a selection by a user of  
10 at least one of selecting from a title list and selecting a redisplayed image of the message.

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A37 18. A computer system having a display for displaying transient messages received over a network, the computer  
15 system comprising:

means for capturing, independently of a user action, at different times, at least two screen images having at least one multimedia object containing at least one transient message rendered on the display;

20 a storage area having each captured screen image; and means for enabling a subsequent rendering of at least one of the stored screen captured images in response to a user selection.

25 19. The system of claim 18 wherein the different times are determined by a configurable periodic interval.

20. The system of claim 18 wherein the configurable periodic interval occurs for a configurable duration of  
30 time.

21. The system of claim 18 wherein the different times are determined by a change in content.

5        22. The system of claim 21 wherein the change in content is determined by utilizing a DOM model of the displayed page to determine the change of content as a triggering event to capture the screen image.

10       23. A computer system having a display for displaying at least one transient message received over a network, the system comprising:

means for determining a change in content of at least one displayed page received over a network wherein at least  
15 one of the at least one displayed pages contains at least one transient message;

means for capturing, independently of a user action, a screen image of each displayed page when it is determined that there is a change in content;

20       a storage area having each captured screen image; and  
means for enabling a subsequent rendering of at least one of the stored screen capture images in response to a user selection.

25       24. The system of claim 23 wherein the means for determining further comprises means for utilizing a document object model of the displayed page to determine the change of content as a triggering event to capture the screen image.

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25. A computer system having a display for displaying transient messages received over a network, the system comprising:

means for saving data, independently of a user  
5 action, associated with a screen image of each dynamically displayed transitory message;

means for redisplaying the screen image of at least one previously displayed transitory message upon request by a user.

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26. The system of claim 25 wherein means for saving data further comprises means for saving a screen image of each message and at least one hyperlink in accordance with a time value representative of a time in which a given message  
15 was originally displayed.

27. The system of claim 25 wherein the means for redisplaying further comprises means for redisplaying a sequence of each saved image at a rate predetermined by the  
20 user.

28. A computer program, on a computer usable medium, having computer readable program code means for enabling a display of transient messages received over a network, the  
25 computer program comprising:

means for enabling a capture, independently of a user action, at different times, of at least two screen images having at least one multimedia object containing at least one transient message rendered on a display at a client;

30 means for storing each captured screen image; and

means for enabling a subsequent rendering of at least one of the stored screen captured images in response to a user selection.

5        29. A computer program, on a computer usable medium, having computer readable program code means for enabling a display of at least one transient message received over a network, the system comprising:

means for determining a change in content of at least  
10 one displayed page received over a network wherein at least one of the at least one displayed pages contains at least one transient message;

means for enabling a capture, independently of a user action, of a screen image of each displayed page when it is  
15 determined that there is a change in content;

means for storing each captured screen image; and

means for enabling a subsequent rendering of at least one of the stored screen capture images in response to a user selection.

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30. The computer program of claim 29 wherein the means for determining further comprises means for utilizing a document object model of the displayed page to determine the change of content as a triggering event to capture the  
25 screen image.

31. A computer program, on a computer usable medium, having computer readable program code means for displaying transient messages received over a network, the computer  
30 program comprising:

means for saving data, independently of a user action, associated with a screen image of each dynamically displayed transitory message;

means for redisplaying the screen image of at least one previously displayed transitory message upon request by a user.

32. The program of claim 31 wherein means for saving data further comprises means for saving a screen image of each message and at least one hyperlink in accordance with a time value representative of a time in which a given message was originally displayed.

33. A method for redisplaying, at a client, transient messages displayed by a browser, the method comprising:  
capturing, independently of a user action, at different times, at least two screen images having a different transient message;  
storing each captured screen image; and  
enabling a subsequent rendering of at least one of the stored screen captured images in response to a user selection.

34. A computer system having a display for redisplaying transient messages displayed by a browser, the computer system comprising:

means for capturing, independently of a user action, at different times, at least two screen images having different transient messages;  
a storage area having each captured screen image; and



means for enabling a subsequent rendering of at least one of the stored screen captured images in response to a user selection.

- 5        35. A computer program, on a computer usable medium, having computer readable program code means for enabling a redisplay of transient messages displayed by a browser, the computer program comprising:

means for enabling a capture, independently of a user  
10 action, at different times, of at least two screen images having different transient messages rendered on a display at a client;

means for storing each captured screen image; and

means for enabling a subsequent rendering of at least  
15 one of the stored screen captured images in response to a user selection.